

IN THE SPECIFICATION

Please add the following paragraph before the first paragraph beginning at page 1, line 1:

CROSS REFERENCE TO RELATED APPLICATION

This application claims the benefit of U.S. provisional application serial no. 60/539,726 filed January 28, 2004, which is incorporated herein by reference.

This invention relates to improved techniques for implementing CORDIC (Coordinate Rotation Digital Computer) algorithms, and more particularly to improving the resource efficiency for hardware implementations of CORDIC algorithms that perform complex rotations.